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Page 2

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1-45. (Canceled)

46. (Currently Amended) A method for ~~protectively~~ treating a subject ~~from an ischemic disorder as a result of~~ undergoing organ transplantation surgery which comprises administering to the subject via inhalation a gas comprising carbon monoxide in an amount and over a period of time sufficient to protectively treat the subject, wherein the amount of carbon monoxide comprises from about 0.0001% carbon monoxide to about 0.1% carbon monoxide in the gas.

47 and 48. (Canceled)

49. (Currently Amended) The method of claim 46, wherein the ~~sufficient~~ amount of carbon monoxide comprises from about ~~0.0001%~~ 0.001% carbon monoxide to about ~~2%~~ 0.01% carbon monoxide in a the gas.

50. (Currently Amended) The method of claim 46, wherein the ~~sufficient~~ amount of carbon monoxide comprises from about 0.01% carbon monoxide to about ~~1%~~ 0.1% carbon monoxide in a the gas.

51. (Currently Amended) The method of claim 46, wherein the ~~sufficient~~ amount of carbon monoxide comprises from about 0.001% carbon monoxide to about 0.1% carbon monoxide in a the

gas.

52. (Canceled)

53. (Previously Presented) The method of claim 46, wherein the gas comprises air, oxygen, argon, nitrogen or an inert gas.

54 and 55. (Canceled)

56. (Previously Presented) The method of claim 46, wherein the sufficient period of time comprises from up to about 1 day before surgery to up to about 1 day after surgery.

57. (Previously Presented) The method of claim 56, wherein the sufficient period of time comprises from up to about 12 hours before surgery to up to about 12 hours after surgery.

58. (Previously Presented) The method of claim 57, wherein the sufficient period of time comprises from up to about 12 hours before surgery to up to 1 hour after surgery.

59. (Previously Presented) The method of claim 58, wherein the sufficient period of time comprises from up to 1 hour before surgery to up to 1 hour after surgery.

60. (Previously Presented) The method of claim 59, wherein the sufficient period of time comprises from up to 20 minutes before surgery to up to 1 hour after surgery.

61. (Previously Presented) The method of claim 46, wherein the subject is a mammal.

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U.S. Serial No.: 10/679,135  
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Page 4

62. (Currently Amended) The method of claim 61, wherein the ~~subject~~ mammal is a human.

63 and 64. (Canceled)

65. (Previously Presented) The method of claim 46, wherein the organ transplantation surgery comprises heart, lung, pancreas, or liver transplantation surgery.

66-88. (Canceled)

89. (Currently Amended) The method of claim 65, ~~further comprising administering to~~ wherein the subject undergoing organ transplantation surgery is a donor of ~~the~~ a transplanted organ and the a gas comprising carbon monoxide is administered in an amount and over a period of time sufficient to improve preservation of the organ to be transplanted.

90. (Canceled)